Philips Cinema 21:9 LCD TV with Ambilight Spectra 3 and Perfect Pixel HD Engine

56"

Full HD 1080p digital TV

CINEMA 21:9

56PFL9954H

Every night a premiere

with the 21:9 movie format and Ambilight

Be blown away by movies the way they're meant to be seen. The ultrawide TV matches perfectly the 21:9 (2.39:1) movie format and comes to life with immersive Ambilight. Make every night a premiere at your place.

True cinema experience

- 21:9 movie aspect ratio, no black bars bottom and top
- Ambilight Spectra 3 for an immersive viewing experience

Breathtaking perfect pictures

- Full HD LCD display, with a 2560x1080p resolution
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- Perfect Natural Motion for ultra smooth Full HD movies
- 200Hz Clear LCD*, 1ms performance: extreme motion sharpness

Connect and enjoy the online world

- Net TV with Wi-Fi for popular online services on your TV
- Enjoy a rich selection of web videos from YouTube and others
- DLNA PC network link for watching videos from your computer

EISA AWARD Best Product 2009-2010 HT INNOVATION Philips Cinema 21:9 + BDP 9100

PHILIPS

sense and simplicity

LCD TV with Ambilight Spectra 3 and Perfect Pixel HD Engine
56" Full HD 1080p digital TV

56PFL9954H/98

Highlights

Full HD LCD display 2560x1080p

Enjoy the exceptional picture quality of Full HD sources like HDTV broadcast or Blu-ray on your Cinema 21:9. The unique movie format screen comes with 2560x1080p resolution, matching the 21:9 aspect ratio of the screen.

21:9 movie aspect ratio

Be blown away by movies the way they are meant to be seen with the 21:9 (2.39:1) movie format. The Cinema 21:9 TV perfectly matches the original movie format used by directors, so you get no black bars or picture loss, but movies the way the director intended them to be seen. Bring the magic of the cinema home, in the authentic 21:9 movie format. Enjoy 16:9 and gaming content with the full power of the 21:9 screen. Cinema 21:9 uses a highly advanced formatting technology to perfectly fit other formats to the screen without distortion. Enjoy the action in the comfort of your own home!

Ambilight Spectra 3

Add a new dimension to your viewing experience with Ambilight Spectra 3. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. With Ambilight Spectra 3 movies truly come to life!

Perfect Pixel HD Engine

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

Net TV with Wi-Fi

Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your TV directly to your home network through either the integrated Wi-Fi wireless or ethernet connections, and navigate and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your TV remote control.

Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness, regardless of how quick the action gets on-screen. Enjoy motion performance that surpasses cinema quality!

200Hz Clear LCD* (1ms)

Enjoy extreme motion sharpness without picture imperfections. The Philips 200Hz Clear LCD brings the response time of LCD TV to an incredible 1ms, so even with the fastest action scene you will be enthralled by the action, and not following the stretched car across the screen. Go ahead, enjoy the action!

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Specifications

Picture/Display
- Aspect ratio: 2.39:1, 21:9
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 56 inch / 142 cm
- Display screen type: LCD Full HD UW-UXGA Act.matrix
- Panel resolution: 2560x1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colors, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, 200Hz Clear LCD*, Scanning backlight
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 2250 trillion colors 17bit RGB

Ambilight
- Ambilight Features: Ambilight Spectra 3, Lounge light mode
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED wide color

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 50, 60Hz
1080p	24, 25, 30Hz

Sound
- Output power (RMS): 2 x 12W RMS (4 ohm @ 7% THD)
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Treble and Bass Control
- Sound System: BBE

Loudspeakers
- Built-in speakers: 4
- Loudspeaker types: 2 integrated subwoofers, 2x Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Connection Enhancement: Easy link
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control, Connectivity assistant, Automatic setup wizard, Demo mode, Onscreen Usermanual, Touch control buttons, Favorite program selection, Iconic home sceen, Mozaïc channel grid
- Picture in Picture: Text dual screen
- Remote Control: DVD, DVD-R, Sat, STB (Set-Top Box), Universal, HTS (Home Theater System)
- Remote control type: RC4495
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot), Cinema 21:9, Cinema 21:9 subtitle-shift
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in, DLNA media Browser, Net TV services
- Smart mode: Game, Cinema, Personal, Power saver, Standard, Vivid

Multimedia Applications
- Multimedia connections: Ethernet-UTP5, USB, Wi-Fi 802.11g (built in)
- Playback Formats: MP3, WMA v2 up to v9.2, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2, MPEG4, AVI, H.264/MPEG-4 AVC, MPEG-Progam-stream PAL, WMV9/VC1

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- Video Playback: NTSC, SECAM, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in, VGA PC-in
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- PC network link: DLNA 1.0 certified
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- HDMI 4: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link, Remote control pass-through, System audio control, System standby

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: AC 220 - 240 V +/- 10%
- Power consumption: 281 W
- Standby power consumption: 0.15 W

Dimensions
- Set dimensions (W x H x D): 1418 x 691 x 105 mm
- Set dimensions with stand (H x D): 745 x 324 mm
- Weight incl. Packaging: 50 kg
- Product weight: 31.9 kg
- Product weight (+stand): 37.4 kg
- Box dimensions (W x H x D): 1550 x 994 x 362 mm
- Color cabinet: Black glass decofront with black backcover
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included Accessories: Smart leveling wall bracket, RF antenna cable, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control
- Optional accessories: Matching stand ST569954

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* 200Hz Clear LCD displays 200 scenes per second by combining advanced 100Hz technology with scanning backlight @ 50% dutycycle.
* 8 days EPG, service not available in all countries
* Net TV, service offering is dependent on country and subject to terms of use.